

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120318\
 Data File : VD060477.D
 Acq On : 3 Dec 2018 16:11
 Operator : VA/AP
 Sample : J5775-03
 Misc : 6.61g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-113018

Quant Time: Dec 04 02:50:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 19 16:31:59 2018
 Response via : Initial Calibration

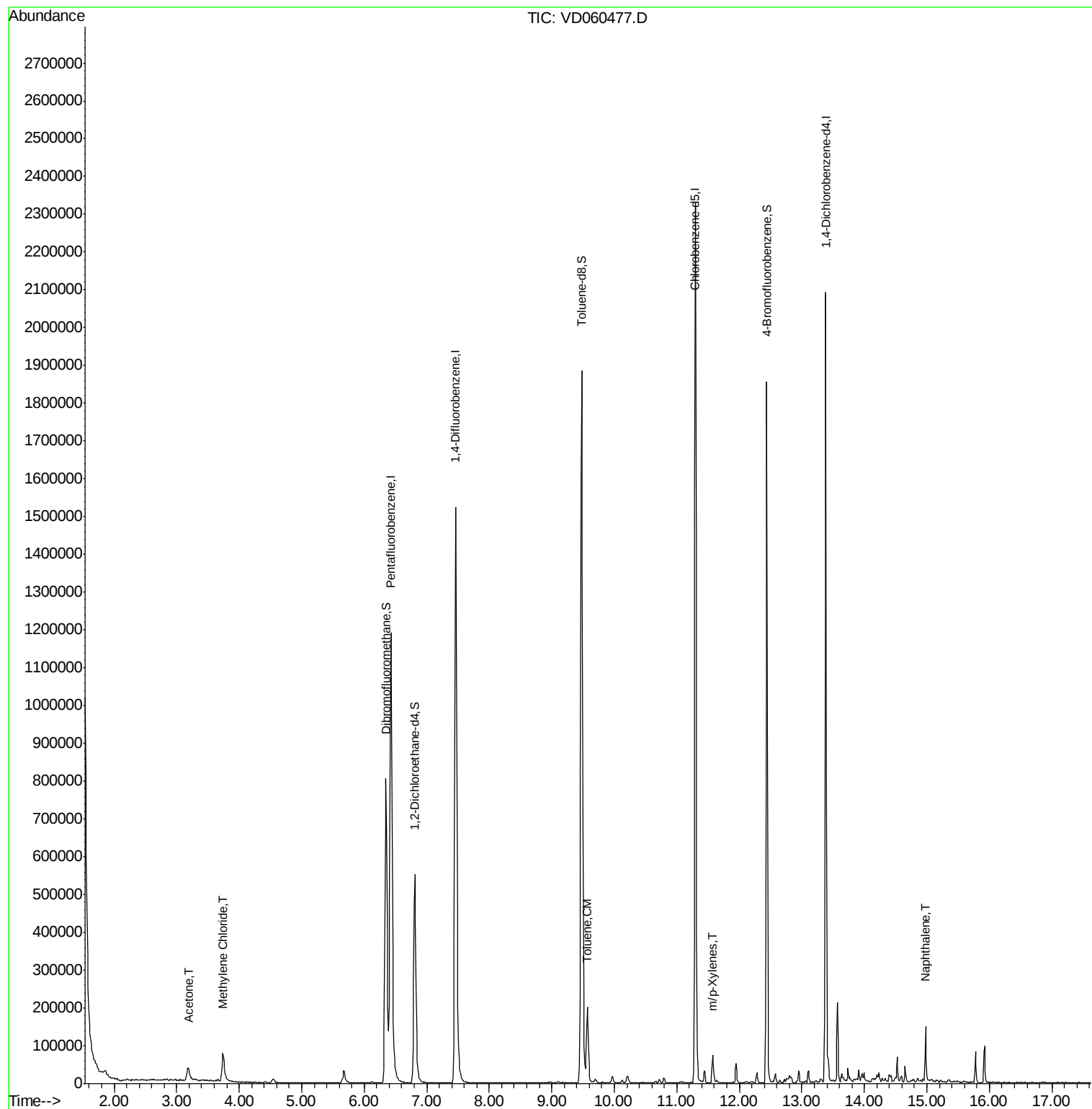
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.43	168	1205716	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.47	114	1691725	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.30	117	1244853	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	471084	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.81	65	464605	53.82	ug/l	0.01
Spiked Amount	50.000		Recovery	=	107.64%	
35) Dibromofluoromethane	6.35	113	633780	50.24	ug/l	0.01
Spiked Amount	50.000		Recovery	=	100.48%	
50) Toluene-d8	9.48	98	1530652	41.46	ug/l	0.01
Spiked Amount	50.000		Recovery	=	82.92%	
62) 4-Bromofluorobenzene	12.44	95	509894	38.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.22%	
Target Compounds						
16) Acetone	3.19	43	76242	50.913	ug/l	99
20) Methylene Chloride	3.74	84	48702	3.666	ug/l	94
52) Toluene	9.57	92	103693	3.805	ug/l	100
68) m/p-Xylenes	11.57	106	22102	1.299	ug/l	97
95) Naphthalene	14.98	128	80819	6.266	ug/l	98

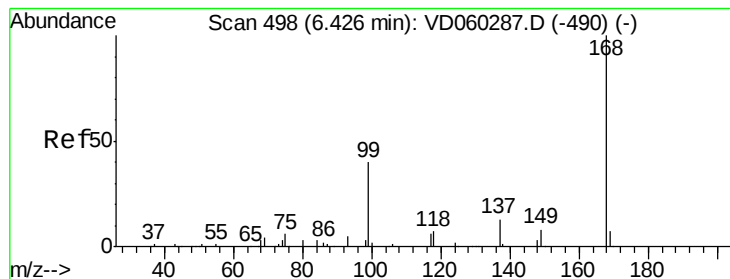
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD120318\
Data File : VD060477.D
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Quant Title : SW846 8260
QLast Update : Mon Nov 19 16:31:59 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.43 min Scan# 498

Delta R.T. 0.00 min

Lab File: VD060477.D

Acq: 3 Dec 2018 16:11

Instrument :

MSVOA_D

ClientSampleId :

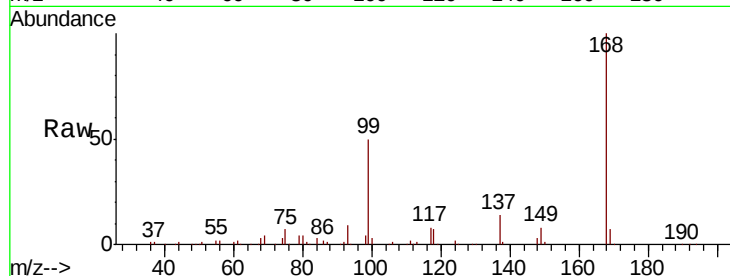
TR-04-113018

Tot Ion:168 Resp: 1205716

Ion Ratio Lower Upper

168 100

99 49.9 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.43

400000

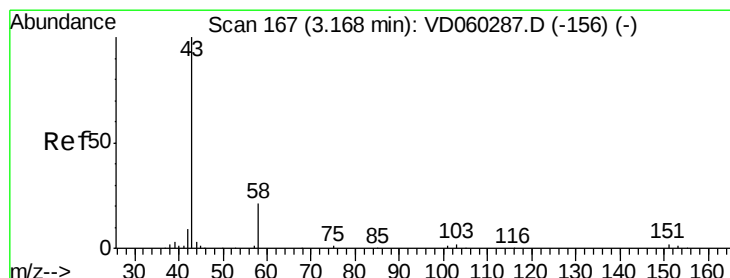
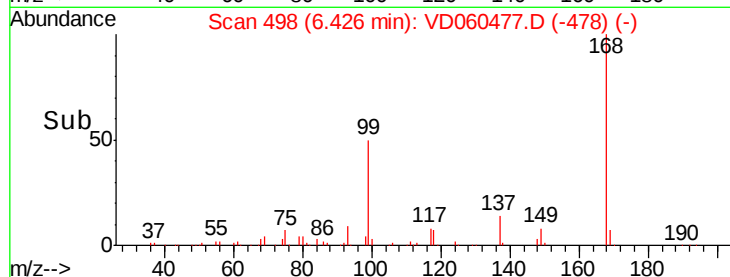
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 50.913 ug/l

RT: 3.19 min Scan# 169

Delta R.T. 0.02 min

Lab File: VD060477.D

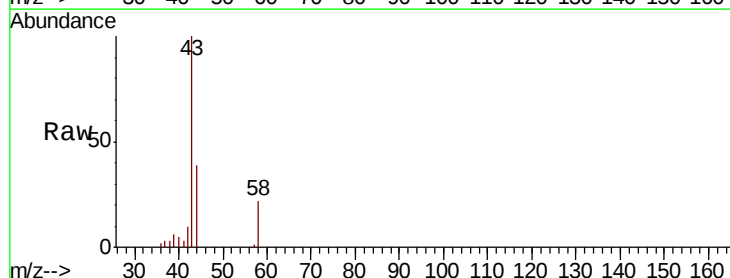
Acq: 3 Dec 2018 16:11

Tgt Ion: 43 Resp: 76242

Ion Ratio Lower Upper

43 100

58 21.7 16.9 25.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

25000

20000

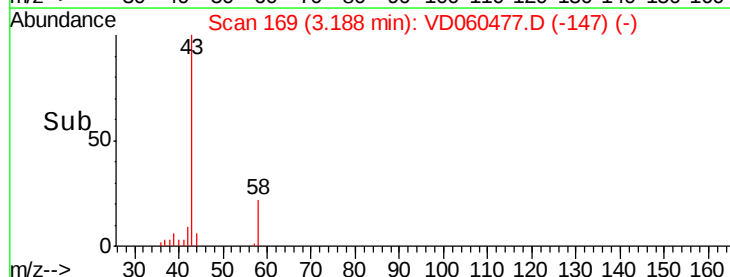
15000

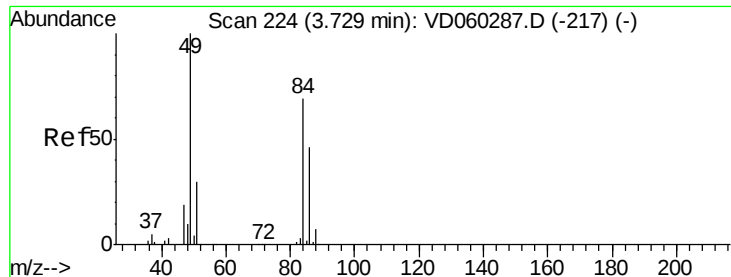
10000

5000

0

Time-->

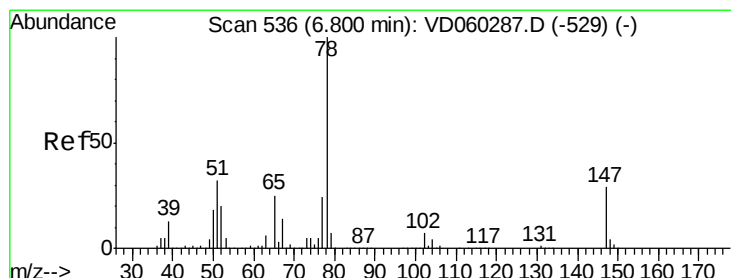
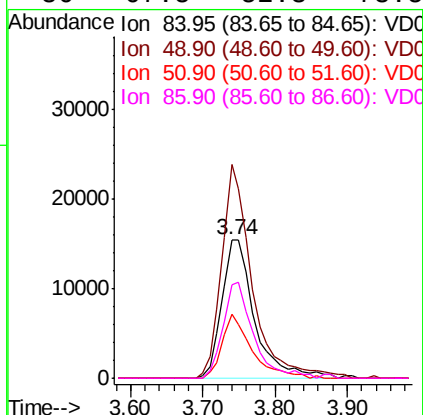
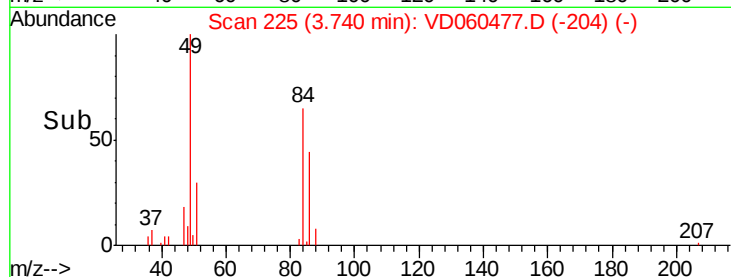
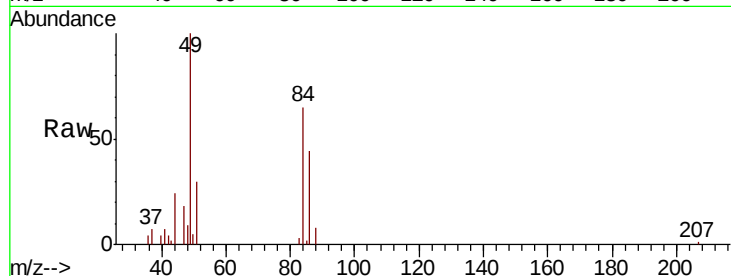




#20
Methylene Chloride
Concen: 3.666 ug/l
RT: 3.74 min Scan# 225
Delta R.T. 0.01 min
Lab File: VD060477.D
Acq: 3 Dec 2018 16:11

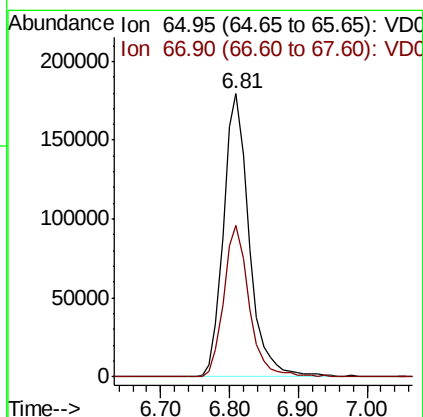
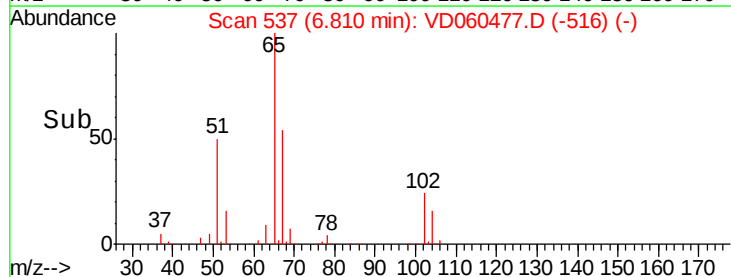
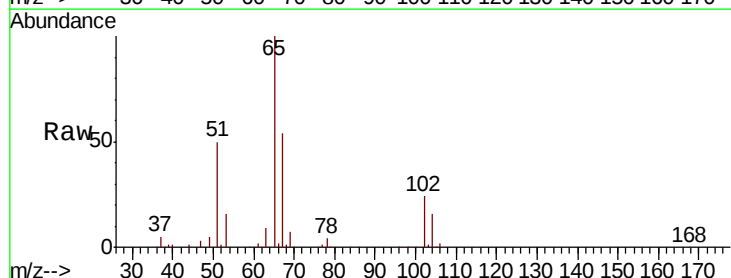
Instrument :
MSVOA_D
ClientSampleId :
TR-04-113018

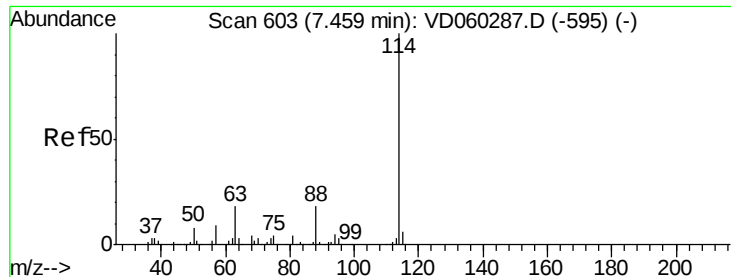
Tot Ion: 84 Resp: 48702
Ion Ratio Lower Upper
84 100
49 154.5 115.6 173.4
51 46.1 35.6 53.4
86 67.5 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.81 min Scan# 537
Delta R.T. 0.01 min
Lab File: VD060477.D
Acq: 3 Dec 2018 16:11

Tgt Ion: 65 Resp: 464605
Ion Ratio Lower Upper
65 100
67 53.5 0.0 109.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 7.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD060477.D

Acq: 3 Dec 2018 16:11

Instrument :

MSVOA_D

ClientSampleId :

TR-04-113018

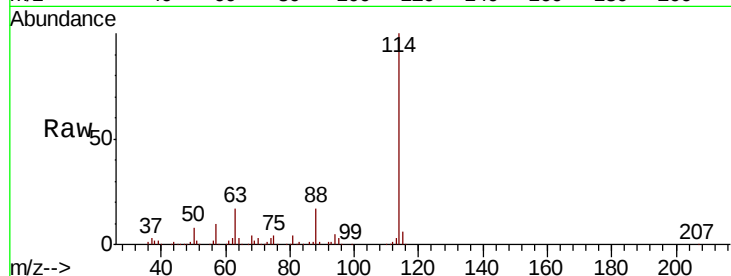
Tot Ion:114 Resp: 1691725

Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.0

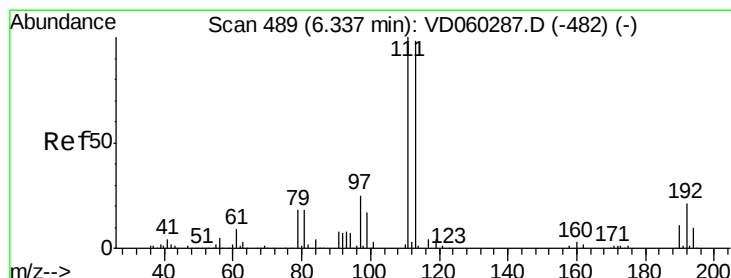
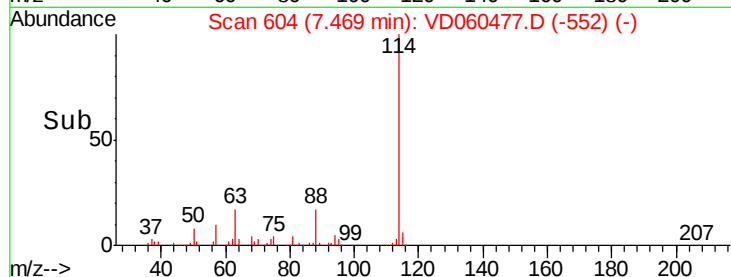
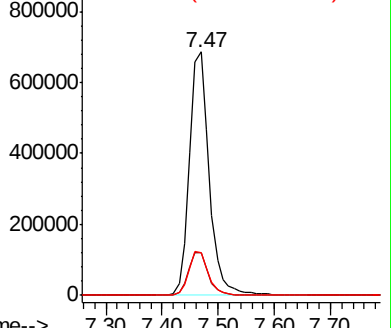
88 17.4 0.0 35.4



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.35 min Scan# 490

Delta R.T. 0.01 min

Lab File: VD060477.D

Acq: 3 Dec 2018 16:11

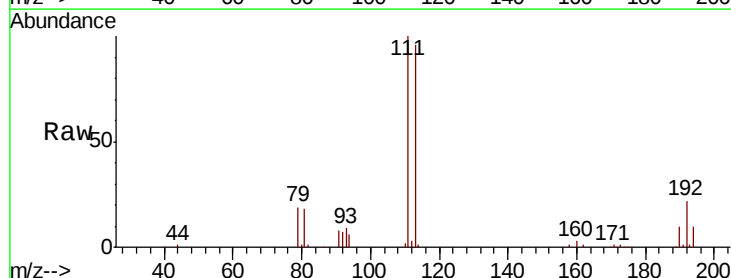
Tgt Ion:113 Resp: 633780

Ion Ratio Lower Upper

113 100

111 104.3 81.6 122.4

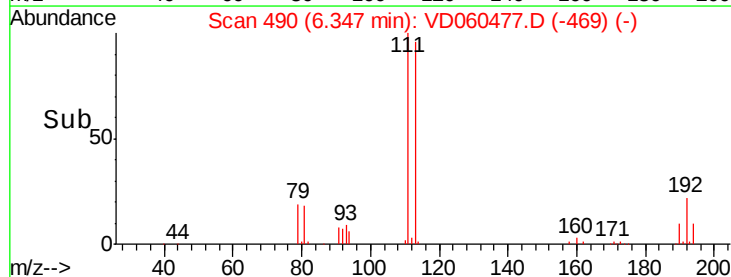
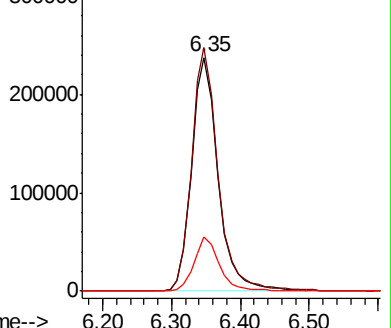
192 23.1 16.5 24.7

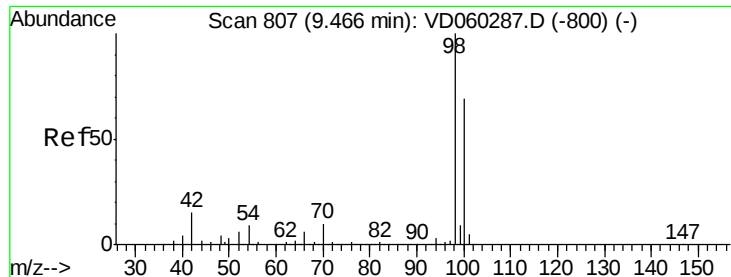


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.48 min Scan# 808

Delta R.T. 0.01 min

Lab File: VD060477.D

Acq: 3 Dec 2018 16:11

Instrument :

MSVOA_D

ClientSampleId :

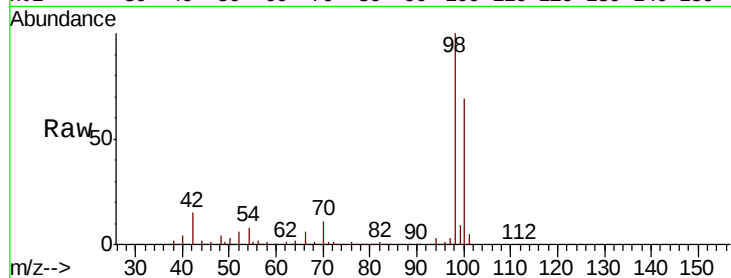
TR-04-113018

Tot Ion: 98 Resp: 1530652

Ion Ratio Lower Upper

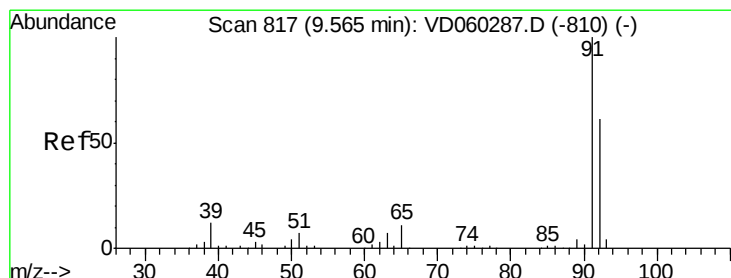
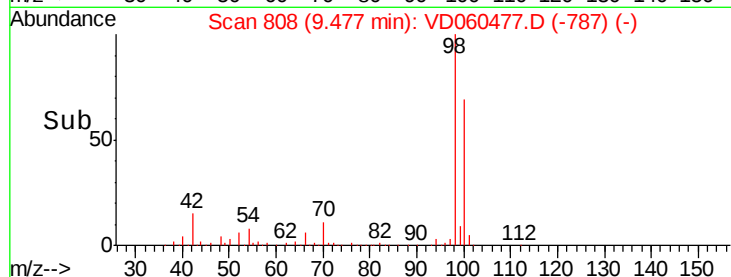
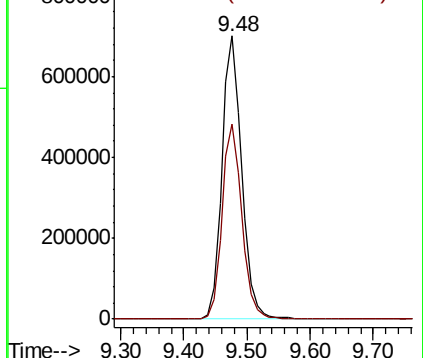
98 100

100 68.7 55.2 82.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#52

Toluene

Concen: 3.805 ug/l

RT: 9.57 min Scan# 817

Delta R.T. 0.00 min

Lab File: VD060477.D

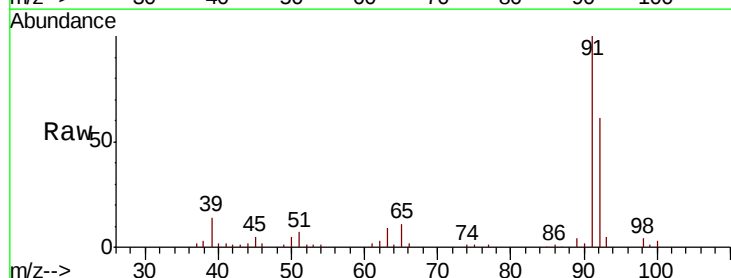
Acq: 3 Dec 2018 16:11

Tgt Ion: 92 Resp: 103693

Ion Ratio Lower Upper

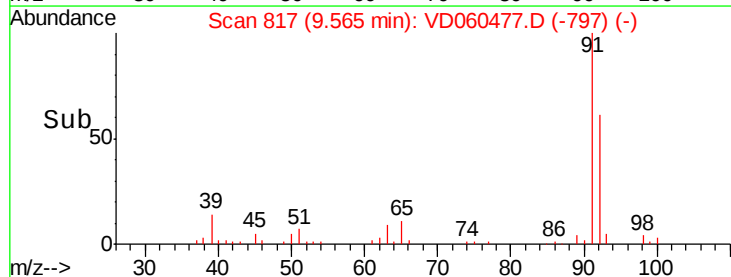
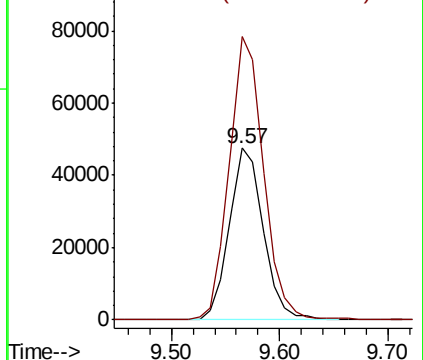
92 100

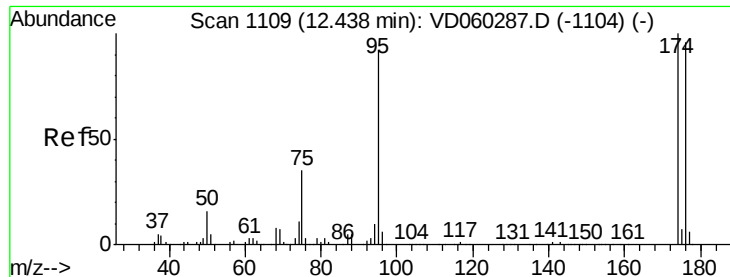
91 164.8 131.9 197.9



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

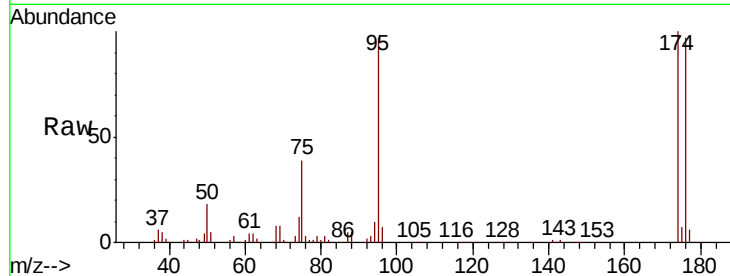




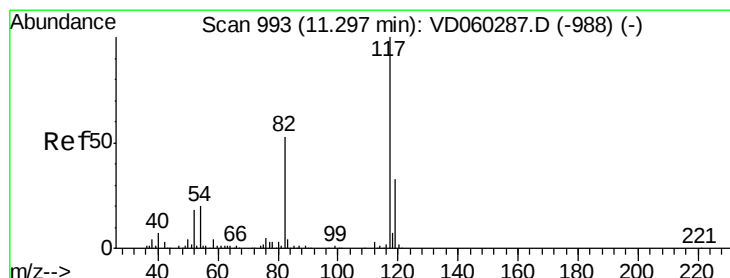
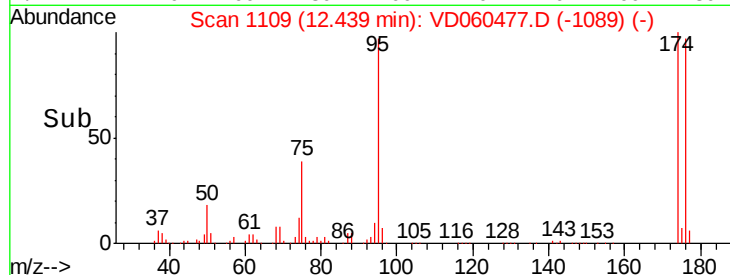
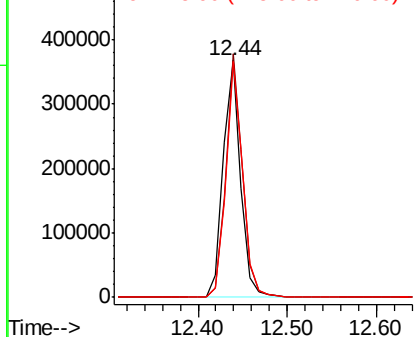
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.44 min Scan# 1109
Delta R.T. 0.00 min
Lab File: VD060477.D
Acq: 3 Dec 2018 16:11

Instrument :
MSVOA_D
ClientSampleId :
TR-04-113018

Tot Ion: 95 Resp: 509894
Ion Ratio Lower Upper
95 100
174 102.7 0.0 160.8
176 99.6 0.0 154.6

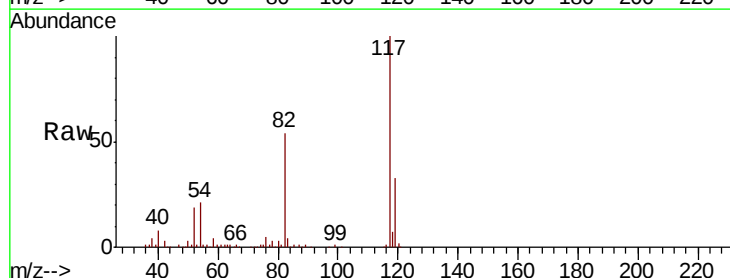


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

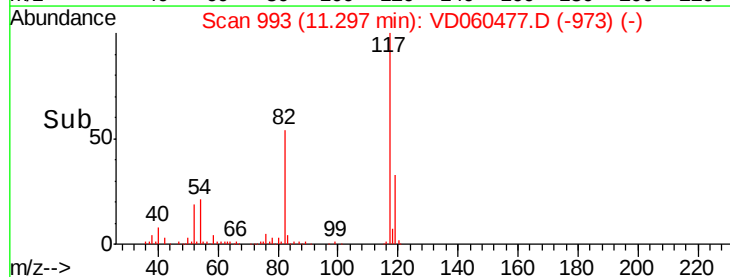
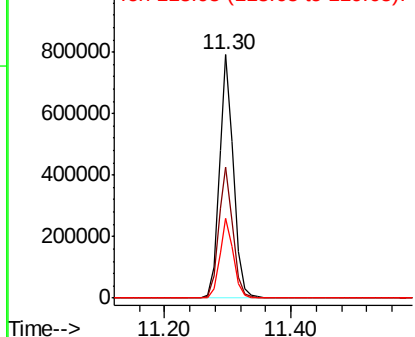


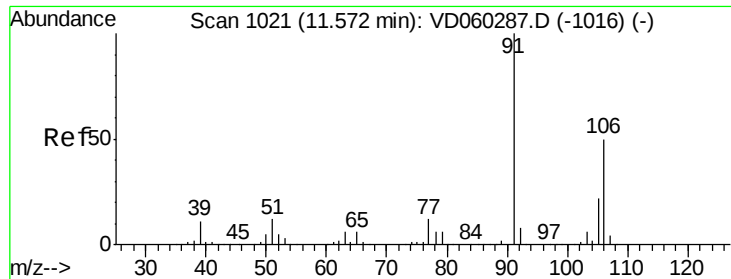
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.30 min Scan# 993
Delta R.T. 0.00 min
Lab File: VD060477.D
Acq: 3 Dec 2018 16:11

Tgt Ion: 117 Resp: 1244853
Ion Ratio Lower Upper
117 100
82 53.6 43.7 65.5
119 32.7 26.1 39.1



Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

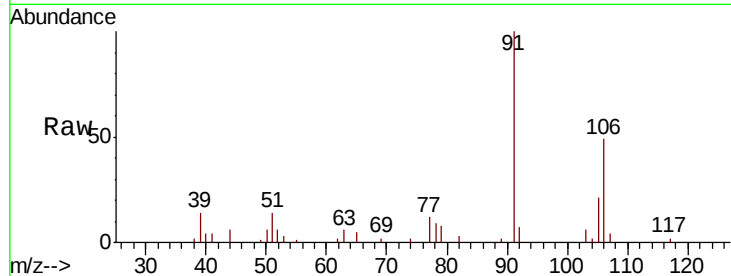




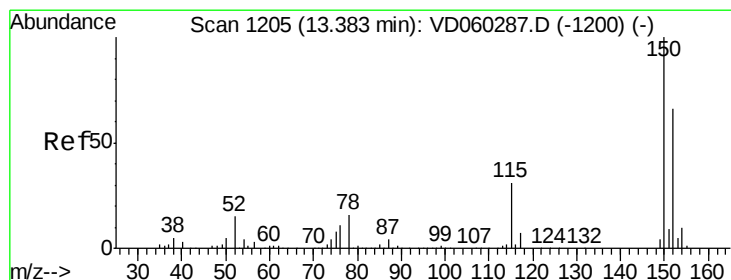
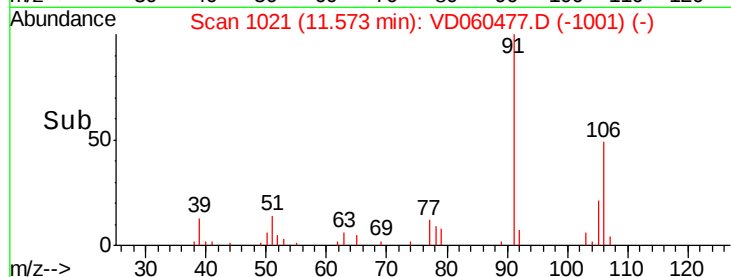
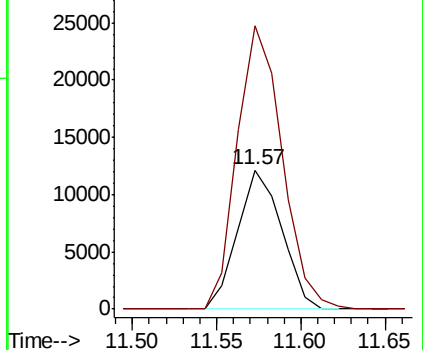
#68
m/p-Xvlenes
Concen: 1.299 ug/l
RT: 11.57 min Scan# 1021
Delta R.T. 0.00 min
Lab File: VD060477.D
Acq: 3 Dec 2018 16:11

Instrument :
MSVOA_D
ClientSampleId :
TR-04-113018

Tot Ion:106 Resp: 22102
Ion Ratio Lower Upper
106 100
91 203.6 159.4 239.2

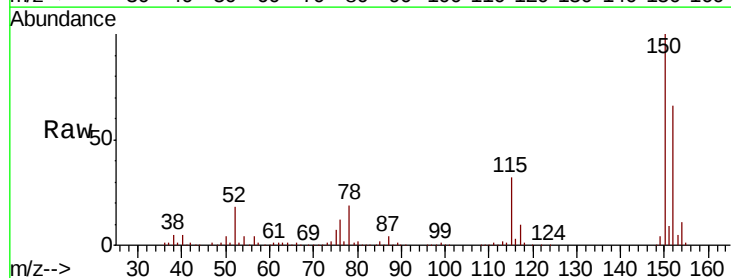


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

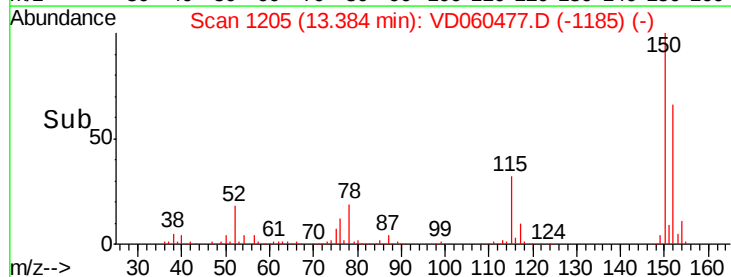
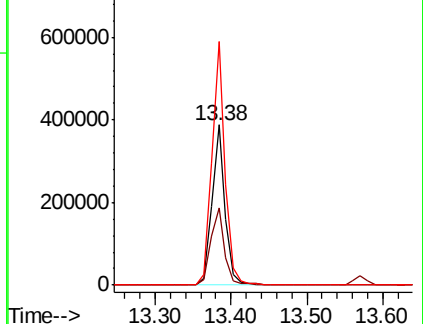


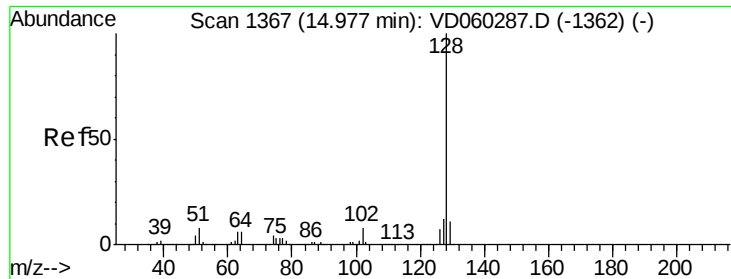
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.38 min Scan# 1205
Delta R.T. 0.00 min
Lab File: VD060477.D
Acq: 3 Dec 2018 16:11

Tgt Ion:152 Resp: 471084
Ion Ratio Lower Upper
152 100
115 48.5 24.1 72.3
150 152.0 0.0 310.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V

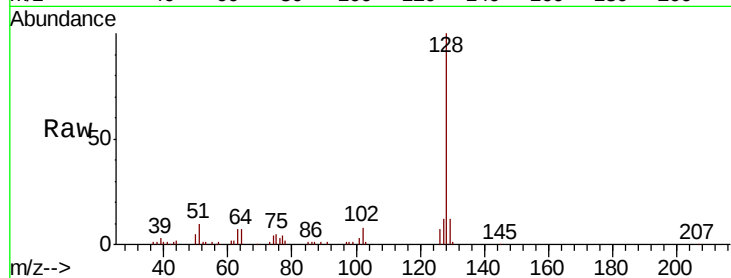




#95
Naphthalene
Concen: 6.266 ug/l
RT: 14.98 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VD060477.D
Acq: 3 Dec 2018 16:11

Instrument :
MSVOA_D
ClientSampleId :
TR-04-113018

Tot Ion:128 Resp: 80819
Ion Ratio Lower Upper
128 100
127 12.1 9.6 14.4
129 11.9 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

